



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
2870-0267PAPPLICATION NO.
10/671,939APPLICANT
Mitsunori HIRANO et al.FILING DATE
September 29, 2003GROUP
Unassigned 1752**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MS	US 5,578,414	A	1996-11-26	Yamamoto et al.			
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
MS	JP	7-287338	A	1995-10-31	JAPAN			X	
MS	JP	2926453	B2	1999-05-14	JAPAN			Abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

DATE CONSIDERED

10-3-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		ATTY. DOCKET NO. 2870-0267P		APPLICATION NO. 10/671,939						
<div>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</div> <div>Use several sheets if necessary)</div>		APPLICANT Mitsunori HIRANO et al.		FILING DATE September 29, 2003						
		GROUP Unassigned		1752						
U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE			
PL	US 5,571,660	A	1996-11-05	Ito et al.						
	US									
	US									
	US									
	US									
	US									
	US									
	US									
FOREIGN PATENT DOCUMENTS										
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION			
PL PL PL PL	EP	0 735 416	A1	1996-10-02	EUROPE		YES	NO		
	JP	6-194771	A	1994-07-15	JAPAN		X			
	JP	4-57046	A	1992-02-24	JAPAN		Abs			
	JP	5-224330	A	1993-03-09	JAPAN		Abs			
OTHER DOCUMENTS						(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)				
EXAMINER									DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									10-3-05	